



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Leonard et al.
U.S. Serial No.: 10/801,366
Filing Date: March 15, 2004
For: **Systems and Methods of Blood-Based Therapies Having a
Microfluidic Membranes Exchange**
Examiner: TBA
Art Unit: TBA

CERTIFICATE OF MAILING (37 C.F.R. § 1.8(a))

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:


I hereby certify that the following:

1. Information Disclosure Statement (1 sheet);
2. PTO-1449 (2 sheets);
3. Copies of six (6) references cited therein; and
4. Return Receipt Postcard

along with any papers and/or fees referred to as being attached or enclosed and this Certificate of Mailing are being deposited with the United States Postal Service on the date shown below with sufficient postage as First-Class mail in an envelope addressed to: The Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia, 22313-1450.

Respectfully submitted,

Date: 3/7/05


Jane M. Love, Ph.D.
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S I R:

INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 C.F.R. §§1.56 and 1.97(b), Applicant brings to the attention of the Examiner the following documents listed on the attached PTO Form 1449. This Information Disclosure Statement is being filed before the mailing date of any first Office Action on the merits, and is therefore submitted as both timely and proper. Copies of the documents listed on the attached PTO Form 1449 are submitted herewith. It is respectfully requested that the Examiner initial and return a copy of the enclosed PTO Form 1449 with the next PTO communication.

If a telephone interview would be of assistance in advancing prosecution of the subject application, applicant's undersigned attorney invites the Examiner to telephone at the number provided below.

No fees are believed to be due in connection with the filing of this Information Disclosure Statement. However, the Commissioner is authorized to debit any necessary fee or credit any overpayment relating to this application (except an issue fee) to Deposit Account No. 08-0219.

Date: 3/7/05

Respectfully submitted,

Jane M. Love

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PTO/SB/08A (08-03)

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(Use as many sheets as necessary)

Sheet 1 of 2

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| | |
|------------------------|-----------------|
| Application Number | 10/801,366 |
| Filing Date | 3/15/2004 |
| First Named Inventor | Leonard, et al. |
| Art Unit | To be assigned |
| Examiner Name | To be assigned |
| Attorney Docket Number | 19240.145 US2 |

U. S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|--------------------|-----------------------|--|--------------------------------|--|---|
| | | Number-Kind Code ² (if known) | | | |
| | | US- 5,716,852 | 02/10/1998 | Yager et al. | |
| | | US- 2001/0048637 | 12/06/2001 | Weigl et al. | |
| | | US- 2002/0052571 | 05/02/2002 | Fazio | |
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FOREIGN PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear | T ⁶ |
|--------------------|-----------------------|---|--------------------------------|--|---|----------------|
| | | Country Code ³ -Number ⁴ -Kind Code ⁵ (if known) | | | | |
| | | WO 02/062454 | 08/15/2002 | Collins et al. | | |
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| | | WO 02/36246 | 05/10/2002 | Collins et al. | | |
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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/08B (08-03)

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| Attorney Docket Number | 19240.145 US 2 |

Sheet 2 of 2

NON PATENT LITERATURE DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
|-----------------------|--------------------------|---|----------------|
| | | Goldsmith, H.L. and Spain, S., "Margination of Leukocytes in Blood Flow through Small Tubes," Microvasc. Res. 1984, 27(2):204-22. | |
| | | Takayama et al., "Topographical Micropatterning of Poly(dimethylsiloxane) Using Lamimar Flows of Liquids in Capillaries," Adv. Materials, 2001, pp. 570-574. | |
| | | Leonard et al., "Dialysis without Membranes: How and Why?," Blood Purification 22 (1) 2004, pp. 92-100. | |
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